

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of: ) Group Art Unit:  
IOI )  
Serial No.: Not yet assigned ) ) Examiner:  
Filed: Herewith ) )  
Atty. File No.: 3688ME-48 ) ) INFORMATION DISCLOSURE  
For: "PHASE DETECTION DEVICE, ) )  
DIAL TYPE DETECTION DEVICE ) ) STATEMENT  
AND PHASE DETECTION METHOD" ) ) EXPRESS MAIL #EV331291482US

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Dear Sir:

Pursuant to Applicant's duty of disclosure under 37 CFR § 1.56 and 37 CFR §§ 1.97-1.98, Applicant hereby provides a copy of each of the documents identified on the enclosed PTO Form 1449. Applicant does not admit that any of such documents, alone or in any combination, are considered to be material to patentability as defined in 37 CFR § 1.56(b). Moreover, the inclusion of these documents is not to be construed as an admission by Applicant that each such document is prior art as to the above-identified patent application.

Further to Applicant's duty of disclosure, an English abstract is provided for the reference

Respectfully submitted,

## SHERIDAN ROSS P.C.

By: Kenneth C. Winterton

Date: Sept. 19, 2003

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 3688ME-48	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT IOI	
		FILING DATE	GROUP ART

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROP.
	AA						
	AB						
	AC						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	AD	Sho 57-175260	10/28/82	JAPAN (Unexamined Publication)				
	AE							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

AF	
AG	
AH	

EXAMINER	DATE CONSIDERED
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	